

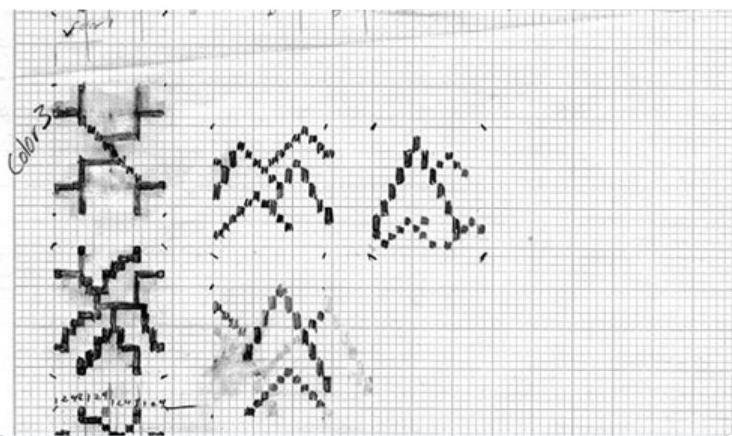


**Richard Garriott** @RichardGarriott · 2 ene.

Note: the 8th bit of each byte was not shown, rather it was color set for the other 7. Green violet or orange blue. The rows were not sequential either. Thanks @stevewoz. I had to dig deep into his mind. Eventually became fast enough to do graph paper to hex in my mind!

**Richard Garriott** @RichardGarriott · 2 ene.

Think that was bad? How about to draw an image: 1st imagine on graph paper where to place each pixel, keeping in mind even and odd pixels of 7 bits of each byte show dif colors. Convert that to binary. Convert that to hex. Poke that into memory. Write code to copy. Debug. [twitter.com/IntrovertGeniu...](http://twitter.com/IntrovertGeniu...)



8



5



79



**#RetroDev** @RetroDevDiscord · 5 ene.

Could you not enter it in as binary? You didn't have a programming calculator? Wasn't Akalabeth done in Basic?



2



1



3



**Richard Garriott** @RichardGarriott

En respuesta a @RetroDevDiscord @ultimadragons y @stevewoz

Akalabeth was in BASIC, Ultima graphics routine was in 6502 Machine Language. Ultima ][ was entirely in 6502 Machine Language!

[Traducir Tweet](#)

9:09 p. m. · 5 ene. 2021 · Twitter Web App

1 Retweet 10 Me gusta

## Personas relevantes



**Richard Garriott** @RichardGarriott

[Seguir](#)

Inventor, explorer, entrepreneur, astronaut, aquanaut & author of "Explore/Create". Check out my book & join me in Shroud of the Avatar! #LBSotA



**#RetroDev**

@RetroDevDiscord

[Seguir](#)

Join our newbie-friendly retro games and hardware development Discord channel for tips, tricks and fun 🎮😎 (#UDIC Prose Dragon🐉) Comms closed until 3099



-=(UDIC)=-

@ultimadragons

[Seguir](#)

The Twitter of the Ultima Dragons club. Sharing love for the #Ultima games and #UDIC culture! #UltimaVirtueQuestion #UltimaTrivia #UltimaCollectible #UltimaFact

[Condiciones de Servicio](#) [Política de Privacidad](#)

[Política de cookies](#) [Información de anuncios](#)

[Más opciones ...](#) © 2021 Twitter, Inc.